

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-18-80	
Company El Paso Exploration Company			Connection El Paso Natural Gas Company			
Pool Ballard Pictured Cliffs			Formation Pictured Cliffs		Unit Canyon Largo Unit	
Completion Date 6-11-80		Total Depth 2528		Plug Back TD 2517		Elevation 6761 GL
Csg. Size 2 7/8	Wt. 6.4#	d 	Set At 2528	Perforations: From 2462 To 2478		Well No. 219
Thg. Size 	Wt. 	d 	Set At 	Perforations: From To		Unit Sec. Twp. Rge. F 1 24 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At 	
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F 		Baro. Press. - P _a
L H		G _g .65	% CO ₂ 	% N ₂ 	% H ₂ S 	Prover Meter Run Taps
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI						
1.	2 X .750		2		62	
2.						
3.						
4.						
5.						
RATE OF FLOW CALCULATIONS						
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}
1	12.365	-----	14.0	.9981	.9608	1.00
2.						
3.						
4.						
5.						
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcl/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ °R _____ °R	
1.						
2.						
3.						
4.						
5.						
$P_c = 507$ $P_c^2 = 257049$						
NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0011$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0010$	
1	----	17	289	256760		
2						
3						
4						
5						
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 166.$						
Absolute Open Flow 166.					Mcf/d @ 15.025	
Angle of Slope @					Slope, n .85	
Remarks:						
Approved By Commission:		Conducted By:		Calculated By:		Checked By:
		Cliff Brock		Rod Pinkett		H. E. McAnally